

FLOW SYNTHESIS OF QUANTUM DOT NANOCRYSTALS

ABSTRACT OF THE DISCLOSURE

Nanocrystals are synthesized with a high degree of control over reaction
5 conditions and hence product quality in a flow-through reactor in which the reaction
conditions are maintained by on-line detection of characteristic properties of the product and
by adjusting the reaction conditions accordingly. The coating of nanocrystals is achieved in
an analogous manner.

SF 1299789 v1